

314
following items paying attention to the mixed color portions in
particular.--

Please substitute the paragraph starting at page 37,
line 5 and ending at line 5 with the following replacement
paragraph. A marked-up copy of this paragraph, showing the
changes made thereto, is attached.

B15
--The evaluation results are shown in Table 2.--

IN THE CLAIMS:

Please amend Claims 1 and 5 as follows. A marked-up
version of Claims 1 and 5 is also attached. Please also add new
Claim 9 as follows. All of the pending claims in the application
are included for the Examiner's convenience.

- Sub 5/16
- ~~1. (Amended) An ink-jet recording system comprising:
a recording medium;
an ink-jet printing apparatus comprising ink containers
in which a plurality of pigment inks are contained, and ink-jet
heads for ejecting the respective pigment inks towards the
recording medium,
wherein the recording medium is provided with a porous
layer as an ink-receiving layer on a base material, the porous~~

Sub
Cl.
(Contd.)
layer comprising alumina hydrate particles and resinous binder,
the porous layer having a pore volume of 0.1 to 1.0 ml/g; and

wherein each of the pigment inks comprises pigment
particles and a resin in an aqueous medium, and in each of the
pigment inks, the diameter of the pigment particles falls within
a range of from 10 to 500 nm, and the proportion of the pigment
particles having a diameter of 300 to 500 nm based on the total
number of pigment particles in the ink is at most 30%.

B16
2. (Amended) The ink-jet recording system according to
Claim 1, wherein the ink-receiving layer has a BET specific
surface area within a range of from 20 to 450 m²/g.

Sub
D1
3. (Amended) The ink-jet recording system according to
Claim 1, wherein the content of the resin in the pigment ink is
within a range of from 0.001 to 10 % by weight based on the total
weight of the ink.

4. (Amended) The ink-jet recording system according to
any one of Claims 1 to 3, wherein inks of plural colors of at
least cyan, magenta and yellow are used as the pigment inks.

Sub
P2
~~5. (Amended) An ink-jet recording method comprising~~
~~the steps of:~~

Sub
CR
(Amended)
3/16

(i) providing a recording medium provided with a porous layer as an ink-receiving layer comprising alumina hydrate particles and resinous binder on a base material, the porous layer having a pore volume of 0.1 to 1.0 ml/g;

(ii) providing an ink-jet recording apparatus comprising ink containers in which a plurality of pigment inks are contained, and ink-jet heads for ejecting the respective pigmented inks towards the recording medium, each of the pigment inks comprising a pigment and a resin in an aqueous medium, and in each of the pigment inks, the particle diameter of the pigment falling within a range of from 10 to 500 nm, and the proportion of the pigment particles having a particle diameter of 300 to 500 nm based on the total number of the pigment particles in the ink being at most 30%; and

(iii) applying at least one of the pigment inks to the recording medium.

Sub
Dont.

6. (Amended) The ink-jet recording method according to Claim 5, wherein the ink-receiving layer has a BET specific surface area within a range of from 20 to 450 m²/g.

7. (Amended) The ink-jet recording method according to Claim 5, wherein the content of the resin in the pigment ink is